

THAT WHICH IS CLAIMED IS:

1. A packing mechanism for arranging suspended elongated product on a carrier member, comprising:

5 an elongated packing arm having an associated length and opposing first and second end portions, said first end portion being attached to a fork member, wherein, in operation, the fork member is adapted to periodically contact a portion of a suspended elongated item held on a carrier member; and

10 a drive mechanism attached to the second end portion of the packing arm and configured to repeatedly move the packing arm in a predetermined motion so that the fork member serially moves in a cycle that includes moving in a first longitudinal direction, descending a desired vertical distance sufficient to cause the fork member to engage with the carrier member, moving in a second longitudinal direction opposite the first longitudinal direction with the fork member substantially horizontal and parallel to the orientation of the carrier member, then rising a distance to reside above
15 the carrier member.

2. A packing mechanism according to Claim 1, wherein the drive mechanism comprises a mechanical linkage with a rotating wheel, and wherein, in operation, rotation of the wheel causes the linkage to direct the packing arm to travel
20 in the predetermined motion.

3. A packing mechanism according to Claim 2, wherein the drive mechanism is configured to cause the arm to stall for an interval of time between the rearward and forward travel.
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4. A packing mechanism according to Claim 2, wherein, in operation, the drive mechanism comprises a motor that drives the rotating wheel.

5. A packing mechanism according to Claim 1, in combination with the
30 carrier member and lengths of one or more elongated items so that the one or more elongated items are suspended in a straddled looped or non-looped configuration.

6. A packing mechanism according to Claim 5, wherein, in operation, the carrier member travels in a unidirectional travel path located below the packing arm as the packing mechanism repeatedly travels through its movement cycle.

5 7. A packing mechanism according to Claim 5, wherein the elongated item is an extruded or stuffed product held in a casing.

8. A packing mechanism according to Claim 7, wherein the elongated item is a meat product.

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9. A packing mechanism according to Claim 5, wherein the elongated item is a continuous length of portioned or linked meat.

10. A packing mechanism according to Claim 8, wherein the elongated
15 meat product is a continuous length of non-linked meat.

11. A packing mechanism according to Claim 5, wherein the carrier member is a rod having a length of at least about six feet.

20 12. A packing mechanism according to Claim 1, wherein the packing mechanism defines a portion of a food processing facility.

13. A packing mechanism according to Claim 5, wherein, in operation, the packing arm travels a first selected path, the path being two or three dimensional in
25 direction, and the carrier member is cooperably aligned with and below the packing arm, and wherein the carrier member travels in a second open unidirectional path.

14. A packing mechanism according to Claim 5, further comprising a stationary platform that supports a portion of the drive mechanism, the platform
30 including first and second laterally extending mounting brackets, the first mounting bracket residing at a height that is above the second mounting bracket, wherein the first mounting bracket is configured to receive the packing arm therethrough so that

the packing arm is able to rest against and pivot as the packing arm moves through its cycle, and wherein the second mounting bracket is configured to receive the carrier member and hold it in a substantially horizontal orientation.

- 5 15. A packing mechanism according to Claim 14, wherein the platform includes a drive track that extends in a longitudinal direction, and wherein the second mounting bracket is attached to said drive track so that, in operation, the carrier member moves in a direction that is defined by the drive track to allow the packing arm to contact longitudinally spaced apart regions of the carrier arm as the packing
- 10 arm travels through a plurality of cycles.